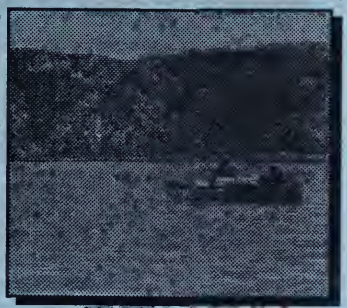
LOWER MISSOURI WATER RESERVATIONS



Commenting On The Draft EIS

PUBLIC MEETINGS

The draft environmental impact statement on the water reservation process in the Missouri River basin below Fort Peck Dam was published and distributed on February 28, 1994. Five public meetings are being held to receive comments on the draft EIS. If you wish to submit comments on the draft EIS after these meetings, please mail them by April 14 to:

Edward Pettit
Water Management Bureau
Montana Department of Natural Resources and Conservation
1520 East Sixth Avenue
P.O. Box 202301
Helena, MT 59620-2301

OPPORTUNITIES FOR PUBLIC PARTICIPATION

Public participation is an important part of the reservation process. Each stage of the process is tailored to solicit and use comments from the public. These stages include:

- Issue identification through public meetings that took place in November 1992

- Receipt of comments on the Lower Missouri River Basin Draft Environmental Impact Statement, the purpose of tonight's meeting

- Participation in the contested case hearing

During issue identification, interested parties submitted comments on issues they believed should be discussed in the EIS. The draft EIS was then prepared, and the public is invited to comment on it. DNRC will revise the draft EIS into a final EIS, which will include responses to the comments on the draft EIS. The final EIS will be available later this summer.

The Board of Natural Resources and Conservation has provided legal notice to all potentially affected water right holders and the public regarding the proposed reservations. Objections have been received on the reservation applications, and a contested case hearing will be held by a hearings examiner this August. The contested case process will involve both formal and informal hearings. After these hearings, the board will make its final decision to grant, grant in part, or deny the proposed reservations.

THE MISSOURI BASIN WATER RESERVATION PROCEEDING: AN OVERVIEW

In 1985, the Montana Legislature directed the Department of Natural Resources and Conservation (DNRC) to initiate and coordinate a proceeding to allow for water to be reserved in the Missouri and Little Missouri river basins. The reservation proceeding was begun for two reasons.

1. The comprehensive planning required in a reservation process was seen as a way to encourage more coordinated development of the basins' water.

2 The reservation proceeding was regarded as a way for Montana to build a strong legal foundation to protect its share of Missouri River water from downstream states.

Water reservations present the opportunity for water to be set aside for future diversion and consumption and for instream flows to be maintained to protect fisheries, recreation, and water quality. Only public entities such as local governments, conservation districts, and state and federal agencies can apply for and hold water reservations.

DNRC coordinates the water reservation proceeding, but it is the Board of Natural Resources and Conservation (board) which decides whether to grant water reservations. The seven-member board is appointed by the governor.

Because the Missouri basin is so large, the reservation proceeding has been split into two parts. Water reservation applications in the basin's upper portion, which encompasses the drainage area above Fort Peck Dam, were considered first. After an environmental review was made and a contested case hearing held, the board made its final decision on upper basin applications on June 30, 1992. Water reservation applications in the basin below Fort Peck Dam, including the Little Missouri and Milk river basins, are now being considered.

July 1, 1991, was the deadline for public entities to submit applications to reserve water in the lower Missouri basin. DNRC received applications for consumptive use from 11 conservation districts for 471 irrigation projects, and from 14 municipalities. The Department of Fish, Wildlife and Parks applied to reserve water for instream flows on 21 stream reaches. More details about these reservation applications can be found in attachments to this brochure.

THE ENVIRONMENTAL IMPACT STATEMENT PROCESS

The Montana Environmental Policy Act requires that an environmental impact statement be prepared whenever actions of state government have the potential to cause major effects on the human or natural environment. Because the board's decision on water reservation applications could have such effects, DNRC was required to prepare an EIS. The EIS informs the board and the public of all known or foreseeable beneficial and detrimental effects of the proposed reservations.

The EIS includes a description of the existing natural and human environment in the basin, hypothetical alternative actions by the board on the reservations, the potential impacts of these alternatives, and economic analyses.

Several opportunities have been provided during the EIS process for the public to participate and express its views. First, five scoping meetings were held to identify issues of public concern. The public also had an opportunity to submit written comments during the scoping period, as previously mentioned. After the scoping meetings, DNRC prepared a draft EIS which was circulated for public review and comment. Comments will be accepted for at least 30 days following publication of the draft. Furthermore, DNRC is holding these public meetings to collect additional comments on the draft EIS. Based on these comments and any new information, a final EIS will be prepared. The EIS process will end with the publication of the final EIS.

THE CONTESTED CASE HEARING PROCESS

Water right holders in the Milk, lower Missouri, and Little Missouri basins, along with other individuals and groups that could be affected by the reservations, will receive notice of the reservation applications. Parties may then submit formal objections to any of the applications. Once the objection period closes, a contested case hearing process on the proposed reservations will be scheduled. A contested case hearing is an administrative legal proceeding similar to a trial, but without a jury. A hearing examiner will be hired to conduct the hearing for the board. The applicants and parties that have filed objections must appear at the formal part of the hearing, where they may present evidence and be subject to cross-examination. In addition, informal hearings will be held at locations throughout the basin where persons can testify if they do not wish to participate in the formal hearings. Shortly after the hearings, the hearings examiner will present his or her findings, including a proposed decision, to the board. Dates for the noticing and hearing have not been set, but will be published in newspapers of general circulation.

QUESTIONS ABOUT THE RESERVATION PROCESS

A number of questions are commonly asked about water reservations. Several of these are answered below.

Question: Do existing water rights have priority over reservations?
Answer: Water rights with a priority date before July 1, 1985, in the Missouri and Milk basins, and before July 1, 1988, in the Little Missouri basin, are senior (higher in priority) to reservations.

Question: Why can't individuals or private businesses apply for reservations?
Answer: To avoid the State's having to process a large number of speculative applications, the Montana Legislature allows only public entities to reserve water. However, individuals can have their proposed water development projects included in conservation district water reservation applications.

Question: Why is the Montana Department of Fish, Wildlife and Parks (DFWP) applying to reserve water for instream flows?
Answer: Reservations are the only mechanism available under Montana law to establish water rights to protect instream flows for fish, wildlife, and recreation. DFWP believes it needs to reserve water in some basin streams to ensure that adequate flows remain in the future for fish, wildlife, and recreational resources.

Question: Couldn't instream reservations leave no water available for new storage projects?
Answer: Reservations of any kind could leave less water available for storage. However, partly in response to such concerns, the legislature has limited instream reservations to one-half the average annual flow on gauged streams.

Question: Why are reservations being considered before the adjudication process is completed?
Answer: Montanans have been appropriating water without a completed statewide adjudication since the late 19th century. The adjudication will take at least 15 more years to complete. Action on new applications for water, whether by permits or reservations, cannot be suspended for this long.

OPPORTUNITIES FOR PUBLIC PARTICIPATION

Public participation is an important part of the reservation process. Each stage of the process is tailored to solicit and use comments from the public. These stages include:

- Issue identification
- Comments on the draft environmental impact statement
- Participation in the final decision-making process

In the issue identification stage, interested parties attended public meetings throughout the study area to provide oral comments regarding the type of information the environmental impact statement (EIS) should contain to fully address environmental, social, and economic issues relating to the reservations. The public also was provided the opportunity to submit written comments to DNRC.

At this series of public comment meetings, interested parties are invited to comment on the draft EIS. Again, the public may provide either oral comments at the meeting, or written comments that can be mailed to DNRC. Written comments must be received or postmarked by April 14. Any new information obtained at this stage will be used in revising the draft EIS into a final EIS.

Following issuance of the final EIS, the board will provide legal notice to all potentially affected water right holders and the public regarding the proposed reservations. People can then object to any or all reservations. A contested case process will follow, with both formal and informal hearings. After these hearings, the Board of Natural Resources and Conservation will make its final decision to grant, grant in part, or deny the proposed reservations.

You are welcome to use this page to submit your comments. Please refer to the portion of the EIS on which you are commenting .

Your Name _____

Address _____

_____

_____

Comments Where appropriate, refer to page number(s) of draft EIS for each comment.

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Department of Natural Resources and Conservation
Lee Metcalf Building
1520 East Sixth Avenue
P.O. Box 202301
Helena, MT 59620-2301

Table 3-1. Conservation District Reservation Requests

Project Number	Dam Location TWN	RGE	SEC	Maximum Storage (af)	Annual Diversion (af)	Water Source	Project Acres
Blaine County Conservation District							
BL-131	35N	26E	13	169	164	Tributary Black Coulee	70
BL-171	35N	18E	14	172	172	Link Coulee/Battle Creek	71
BL-181	36N	18E	16	18,593	10,600	Battle Creek	6,000
TOTALS				18,934	10,936		6,141

Project Number	Point of Diversion TWN	RGE	SEC	Peak Flow (cfs)	Annual Use (af)	Water Source	Project Acres
Carter County Conservation District							
CT-011	7S	60E	16	5.0	425	Little Missouri River	157
CT-012	7S	60E	16	a	260	North Butte Creek	173
CT-041	2N	57E	33	a	195	Little Beaver Creek	130
CT-071	2N	57E	13	1.3	186	Little Beaver Creek	80
CT-121	1S	60E	4	2.8	255	Boxelder Creek	94
CT-122	1S	60E	9	a	90	Lampkin Gulch	60
CT-131	6S	62E	11	2.4	240	Little Missouri River	88
CT-141	8S	58E	14	a	120	UT Long Draw	80
CT-151	4S	58E	25	a	54	Sherril Creek	36
CT-152	4S	59E	30	a	17	UT Boxelder Creek	11
CT-153	5S	58E	13	a	84	Hawksnest Creek	56
CT-154	4S	59E	27	a	14	UT Boxelder Creek	9
CT-161	7S	62E	34	a	42	Elkhorn Creek	28
CT-162	7S	62E	34	a	50	UT Elkhorn Creek	33
CT-171	1S	58E	22	a	165	Fresh Water Draw	110
CT-181	5S	62E	21	a	225	Cottonwood Creek	150
CT-191	7S	61E	1	3.8	247	Little Missouri River	91
CT-221	1S	60E	17	2.5	311	Boxelder Creek	115
CT-241	6S	62E	15	2.6	269	Little Missouri River	99
CT-243	6S	62E	36	a	9	UT Beaver Creek	6
CT-244	6S	62E	24	a	105	N.F. Beaver Dam Creek	70
CT-251	1N	61E	16	3.1	290	Boxelder Creek	107
CT-261	6S	58E	13	a	20	UT East L O Creek	13
CT-262	6S	58E	14	a	3	UT L O Creek	2
CT-291	3N	59E	3	a	30	UT Little Beaver Creek	20
CT-293	3N	59E	5	a	8	UT Little Beaver Creek	5
CT-294	3N	59E	6	0.4	50	Groundwater	22
CT-301	2N	57E	28	a	390	Little Beaver Creek	260
CT-310	1N	59E	35	a	45	UT Boxelder Creek	30
CT-320	6S	57E	4	0.3	39	Boxelder Creek	17
CT-330	2S	60E	7	1.0	130	Boxelder Creek	48
CT-340	3N	58E	35	a	173	HS Creek	115
CT-370	1S	60E	3	0.9	107	Boxelder Creek	39
CT-380	4S	59E	3	0.2	36	Boxelder Creek	13
TOTALS				26.3	4,684		2,367
Daniels County Conservation District							
DA-21	36N	50E	21	a	38	S.F. Whitetail Cr.	25
DA-31	34N	45E	6	1.4	208	Groundwater	89
DA-32	34N	45E	8	0.6	92	Groundwater	40
DA-51	34N	48E	35	0.5	68	Poplar River	25
DA-71	35N	46E	26	3.5	502	Groundwater	215
DA-131	37N	46E	17	a	122	UT M.F. Poplar	81
DA-151	35N	48E	20	2.2	316	Groundwater	135
DA-152	35N	48E	16	a	9	UT Poplar River	6
DA-153	35N	48E	29	a	119	UT Poplar River	79
DA-161	35N	45E	26	0.2	32	Police Creek	11

Project Number	Point of Diversion TWN	RGE	SEC	Peak Flow (cfs)	Annual Use (af)	Water Source	Project Acres
DA-181	37N	46E	9	a	120	UT M.F. Poplar R.	80
DA-182	37N	46E	15	a	45	UT M.F. Poplar R.	30
DA-211	37N	48E	19	0.8	82	E.F. Poplar River	35
DA-221	35N	46E	22	2.2	320	Spring, Olsen Coulee	137
DA-251	37N	45E	20	0.7	95	Springs, Coal Cr.	67
DA-252	37N	45E	19	1.1	156	Springs, Coal Cr.	41
DA-261	34N	48E	10	1.1	158	Poplar River	66
DA-281	37N	47E	13	2.0	235	Groundwater	87
DA-291	37N	47E	36	a	228	UT E.F. Poplar R.	152
DA-341	T35N	R48E	5	0.6	84	Poplar River	36
DA-371	T37N	R45E	27	a	3	UT Butte Creek	2
TOTALS				16.9	3,032		1,439
Liberty County Conservation District							
LI-241	T37N	R7E	29	0.84	122	Lost Coulee	50
Little Beaver Conservation District							
LB-011	11N	60E	25&30	a	116	Rattlesnake Creek	77
LB-041	10N	60E	19	a	24	Spring Creek	16
LB-061	5N	60E	19	a	90	UT Little Beaver Creek	60
LB-063	5N	60E	29	a	14	UT Little Beaver Creek	9
LB-083	4N	59E	33	a	75	Bone Pile Creek	50
LB-121	9N	61E	4	a	146	Beaver Creek	97
LB-141	4N	61E	10&15	a	218	Mud Creek	145
LB-151	5N	58E	36	a	114	UT Duck Creek	76
LB-161	9N	60E	2	a	408	Fork of Beaver Creek	272
LB-171	10N	61E	7	a	45	UT E.F. Beaver Creek	30
LB-172	10N	61E	18	a	18	UT E.F. Beaver Creek	12
LB-181	7N	61E	5	a	17	UT Dugout Creek	11
LB-182	8N	61E	34	a	38	UT Dugout Creek	25
LB-191	10N	60E	8&9	a	225	Beaver Creek and UT	150
Stockwater	—	—	—	a	300	—	
TOTALS					1,848		1,030
McCone Conservation District							
MC-01	27N	41E	35	3.6	501	Missouri River	214
MC-03	26N	43E	9	5.6	807	Missouri River	346
MC-04	26N	44E	7	1.8	265	Missouri River	114
MC-05	26N	44E	16	4.8	696	Missouri River	298
MC-5A	26N	44E	10	5.9	858	Missouri River	367
MC-06	26N	45E	17	4.8	698	Missouri River	298
MC-6A	26N	45E	10	1.8	257	Missouri River	111
MC-08	26N	46E	1	20.7	2,989	Missouri River	1,279
MC-09	27N	47E	34	5.5	798	Missouri River	342
MC-9A	27N	47E	22	0.4	57	Missouri River	25
MC-10	27N	47E	24	5.6	812	Missouri River	349
MC-11	27N	50E	21	14.7	2,128	Missouri River	911
MC-12	26N	45E	13	8.9	1,246	Missouri River	536
MC-99	26N	46E	11	15.2	2,187	Missouri River	934
TOTALS				99.3	14,299		6,124
Richland County Conservation District							
RI-01	27N	51E	21	26.0	3,667	Missouri River	1,550
RI-02	26&27N	51E	26	4.6	651	Missouri River	278
RI-03	27N	51E	24	13.2	1,896	Missouri River	810
RI-04	27N	52E	31	3.3	472	Missouri River	202
RI-05	27N	52E	21	8.8	1,230	Missouri River	526
RI-06	27N	52E	23	6.8	972	Missouri River	416
RI-07	28N	53E	31	19.5	2,441	Missouri River	1,029
RI-08	27N	53E	3	5.3	658	Missouri River	277

Project Number	Point of Diversion TWN	RGE	SEC	Peak Flow (cfs)	Annual Use (af)	Water Source	Project Acres
RI-09	27N	54E	6	15.1	2,188	Missouri River	935
RI-10	27N	54E	12	11.1	1,519	Missouri River	643
RI-11A	28N	55E	34	3.1	441	Missouri River	189
RI-11	27N	55E	1	11.1	1,606	Missouri River	686
RI-12	27N	56E	3	11.8	1,635	Missouri River	782
RI-13	27N	57E	28	6.0	835	Missouri River	399
RI-14	26N	58E	6	17.0	2,128	Missouri River	1,003
RI-15	26N	59E	5	23.3	3,010	Missouri River	1,416
TOTALS				186.0	25,349		11,141
Roosevelt Conservation District							
CBI-1	27N	49E	13	11.8	2,121	Missouri River	929
CBI-2	27N	49E	15	18.4	2,435	Missouri River	1,065
CBI-3	27N	49E	13	29.2	4,190	Missouri River	1,911
CBI-4	27N	50E	23	37.2	4,451	Missouri River	898
CBI-5	27N	51E	18	6.7	570	Missouri River	182
CBI-6	27N	51E	21	5.1	677	Missouri River	258
CBI-7	27N	51E	25	22.2	2,191	Missouri River	784
CBI-8	27N	52E	19	3.4	449	Missouri River	164
CBI-9	27N	52E	16	5.6	646	Missouri River	238
CBI-10	27N	53E	6	19.4	2,096	Missouri River	770
CBI-11	27N	53E	2	40.8	4,084	Missouri River	1,640
CBI-12	28N	54E	32	31.8	3,939	Missouri River	1,448
CBI-13	27N	56E	4	231.6	33,157	Missouri River	9,175
CBI-14	27N	56E	4	4.4	609	Missouri River	291
CBI-15	27N	55E	1	15.2	1,504	Missouri River	618
CBI-16	27N	58E	27	17.3	2,380	Missouri River	1,114
CBI-17	27N	57E	28	9.8	1,351	Missouri River	627
CBI-18	27N	58E	26	25.3	3,442	Missouri River	1,592
CBI-19	27N	58E	26	9.0	1,217	Missouri River	549
CBI-20	26N	59E	5	3.9	548	Missouri River	262
CBI-21	26N	59E	15	10.8	1,058	Missouri River	464
TOTALS				558.9	73,115		24,979
Valley County Conservation District							
VA-01	26N	41E	8	1.2	176	Missouri River	75
VA-02	27N	41E	34	16.1	2,325	Missouri River	995
VA-03	27N	42E	31	15.3	2,203	Missouri River	933
VA-71	27&28N	41E	2	4.1	590	Milk River	253
VA-171	35N	39E	36	2.3	337	Well	144
VA-211	28N	39E	24	1.6	226	Milk River	98
VA-231	27N	41E	25	5.2	745	Missouri River	320
VA-261	27&28N	41E	1	2.5	365	Milk River	157
VA-291	28N	39E	14	3.8	412	Milk River	151
VA-521	28N	41E	30	2.0	289	Milk River	124
TOTALS				54.1	7,668		3,250
Wibaux Conservation District							
WI-41	11N	59E	1	a	39	UT Beaver Creek	26
WI-42	11N	59E	1	a	152	UT Beaver Creek	101
WI-43	11N	60E	7	a	111	UT Beaver Creek	74
WI-61	12N	61E	28	a	18	UT Beaver Creek	12
WI-71	11N	60E	34	a	21	UT Beaver Creek	14
WI-72	10N	60E	4	a	12	UT Beaver Creek	8
WI-73	10N	60E	4&5	a	150	E.F. Beaver Creek	100
WI-74	11N	61E	31	a	95	E.F. Beaver Creek	63
WI-75	11N	60E	8	a	87	UT Beaver Creek	58
WI-91	11N	60E	30	a	75	Beaver Creek	50
WI-92	11N	60E	30	a	78	Rattlesnake Creek	52

Project Number	Point of Diversion TWN	RGE	SEC	Peak Flow (cfs)	Annual Use (af)	Water Source	Project Acres
WI-93	11N	59E	36	a	9	UT Beaver Creek	6
WI-121	13N	59E	35	a	41	UT Beaver Creek	27
WI-151	14N	60E	21	a	120	Yates Creek	80
WI-161	14N	60E	14	a	33	UT Hay Creek	22
WI-162	14N	60E	24	a	9	UT Yates Creek	6
WI-171	13N	59E	15	a	38	Spring Creek	25
WI-181	10N	60E	1	a	90	E.F. Beaver Creek and UT	60
WI-191	13N	59E	26	a	38	UT Beaver Creek	25
WI-192	13N	59E	28	a	15	UT Beaver Creek	10
WI-201	11N	61E	6	a	110	Lamesteer Creek	73
WI-202	11N	61E	6	a	66	UT Lamesteer Creek	44
WI-211	13N	60E	6	a	44	UT Beaver Creek	29
WI-221	12N	61E	32	a	11	UT Lamesteer Creek	7
WI-232	13N	59E	4	a	32	UT Beaver Creek	21
WI-233	13N	59E	9	a	29	UT Beaver Creek	19
WI-234	12N	60E	9	a	98	Lamesteer Creek	65
WI-235	13N	59E	26	a	39	UT Beaver Creek	26
WI-236	13N	59E	34	a	59	UT Beaver Creek	39
WI-237	13N	60E	18&19	a	48	Duck Creek	32
TOTALS					1,767		1,174

Sheridan County Conservation District

The Sheridan County Conservation District has applied to reserve 133,587 acre-feet/year of groundwater. This water would be allocated on a first-come, first-served basis to farmers and ranchers in the district. The district has identified 308 potential projects where the water could be used. The amounts applied for by groundwater source are as follows:

Groundwater Source	Annual Diversion (af)
Westby-Dagmar Channel	99,174.82
Big Muddy Channel	4,251
Tributary Outwash Channels	7,924
Pre-Glacial Missouri Channel	11,931.18
Terrace Deposit Channel	579
Coalridge and Sand Creek Channels	482
Recharge Channels	9,245
TOTAL	133,587

Sheridan County Conservation District Projects

Project Number	–Point of Diversion– TWN	RGE	SEC	Annual Diversion (af)	Project Acres
2.1	32	58	6	457	146
3.1	33	57	21	482	154
4.1	33	56	32	482	154
4.2	33	56	25	313	100
6.1	32	58	10	482	154
8.1	33	58	18	482	154
9.1	33	58	31	329	105
9.2	32	58	22	482	154
10.1	32	58	35	482	154
10.2	32	56	26	482	154
11.1	32	56	18	344	110
11.2	32	56	17	704	225
11.3	32	56	17	579	185
11.4	32	56	17	585	187
11.5	32	56	18	329	105
11.6	32	56	7	423	135
14.1	34	58	13	404	129
14.2	34	58	13	407	130
14.3	35	58	24	516	165

a - Water spreading projects where no peak flow has been requested
UT - Unnamed tributary
af - acre-feet
cfs - cubic feet per second

Project Number	–Point of Diversion– TWN	RGE	SEC	Annual Diversion (af)	Project Acres
14.4	35	58	25	516	165
14.5	34	58	24	704	225
14.6	34	58	36	250	80
14.7	34	58	36	482	154
14.8	34	58	36	482	154
14.9	34	58	36	501	160
15.1	32	57	12	482	154
15.2	32	57	12	463	148
15.3	32	57	11	482	154
17.1	33	58	4	344	110
17.2	33	58	4	313	100
18.1	33	58	20	482	154
18.2	33	58	20	482	154
19.1	32	58	9	482	154
19.2	33	58	32	125	40
20.1	33	58	1	423	135
20.2	33	58	1	488	156
20.3	33	58	2	516	165
21.1	34	58	29	501	160
21.2	34	58	29	344	110
21.3	34	58	20	501	160
22.1	32	58	4	482	154
22.2	32	58	4	482	154
22.5	32	58	5	0.9	NA
23.1	33	58	1	532	170
23.2	33	58	12	432	138
23.3	33	58	12	250	80
23.4	33	58	14	482	154
23.5	33	58	2	551	176
26.1	31	57	2	482	154
28.1	32	56	29	460	147
28.2	32	56	29	463	148
28.3	32	56	27	470	150
30.1	31	56	33	460	147
30.2	31	56	33	463	148
30.3	31	56	28	482	154
30.4	31	56	33	463	148
30.5	31	56	33	482	154
30.6	31	56	34	482	154
30.7	31	56	34	482	154
30.8	31	56	32	482	154
30.9	31	56	31	482	154
30.10	31	56	31	404	129
32.1	33	58	21	501	160
32.2	33	58	21	501	160
32.3	33	58	30	235	75
33.1	32	57	1	501	160
34.1	32	57	21	482	154
34.2	32	57	16	482	154
34.3	32	57	21	482	154
35.1	34	57	23	482	154
36.1	32	57	2	482	154
37.1	32	57	26	485	155
38.1	33	58	20	482	154
38.2	33	58	11	482	154
38.3	33	58	12	460	147
39.1	33	58	29	250	80
39.2	32	57	20	482	154
39.3	32	57	20	463	148
39.4	32	57	19	482	154
39.5	32	57	20	463	148
39.6	33	57	13	463	148
40.1	33	58	20	482	154
40.2	33	58	28	457	146
40.3	32	58	7	460	148
40.4	33	58	19	360	115
42.1	32	56	19	501	160
42.2	32	56	28	482	154
42.3	32	56	28	482	154
42.4	32	56	19	501	160
42.5	32	56	27	344	110
44.1	31	56	32	482	154
44.2	31	56	32	482	154
44.3	31	56	32	429	137
45.1	31	56	27	391	125
45.2	31	56	27	482	154
45.3	31	56	28	482	154
47.1	31	57	2	482	154
47.2	31	57	3	482	154
47.3	31	57	3	250	80
47.4	31	57	9	751	240
47.5	31	57	9	376	120
54.1	33	58	17	482	154
57.1	32	56	26	482	154
58.1	32	56	24	482	154
59.1	31	56	28	485	155
59.2	31	56	25	432	138
59.3	31	56	25	457	146
59.4	31	56	24	482	154
59.5	31	56	24	460	147
59.6	31	57	30	460	147
59.9	31	57	30	1.8	NA
62.1	34	58	32	250	80
62.2	33	58	5	532	170
62.3	33	57	1	463	148
62.4	33	58	6	482	154
62.5	33	58	6	391	125
62.6	33	58	6	297	95
63.1	32	56	34	482	154
64.1	32	57	30	451	144
64.2	32	57	30	451	144
64.3	32	56	27	482	154
67.1	32	57	21	463	148
68.1	31	55	26	579	185
68.2	31	55	22	344	110
68.3	31	55	26	516	165
71.1	32	56	30	297	95
71.2	32	56	27	570	182
73.1	33	58	8	250	80
73.2	33	58	8	423	135
73.3	33	58	9	407	130
75.1	31	55	14	482	154
75.2	31	55	14	482	154
75.3	31	55	14	482	154
75.4	31	55	11	141	45
77.1	33	57	19	482	154
78.1	32	56	5	501	160
78.2	32	56	8	482	154
78.3	32	56	25	482	154
81.1	32	58	19	482	154

Project Number	--Point of Diversion-- TWN	RGE	SEC	Annual Diversion (af)	Project Acres
81.2	32	58	21	482	154
81.3	32	58	21	463	148
81.4	32	58	20	482	154
81.5	32	58	20	219	70
82.1	32	57	1	470	150
82.2	32	57	1	501	160
82.3	33	57	21	482	154
83.1	33	57	26	482	154
84.1	32	57	14	376	120
84.2	32	57	29	250	80
85.1	32	58	30	401	128
85.2	32	58	30	407	130
85.3	32	58	30	376	120
85.4	32	58	27	438	140
85.5	32	58	28	460	147
85.6	32	58	28	460	147
85.7	32	58	29	482	154
85.8	32	58	29	438	140
85.9	32	58	29	482	154
85.10	32	57	25	376	120
85.11	32	57	26	203	65
85.12	32	57	26	250	80
85.13	32	56	26	482	154
86.1	32	56	2	516	165
87.1	33	58	13	313	100
87.2	33	58	13	313	100
88.1	33	58	13	482	154
88.2	33	58	24	344	110
88.3	33	58	13	482	154
89.1	33	58	12	516	165
89.2	33	58	12	407	130
90.1	34	58	1	532	170
90.2	34	58	28	482	154
90.3	34	58	21	482	154
90.4	34	58	28	482	154
90.5	34	58	1	532	170
90.6	34	58	21	407	130
90.7	34	58	34	482	154
92.1	32	58	21	470	150
94.1	33	58	32	200	64
94.2	32	58	10	376	120
94.3	32	58	2	516	165
94.4	33	58	8	482	154
100.1	32	57	12	482	154
100.2	32	57	12	482	154
100.3	32	57	11	482	154
100.4	32	57	10	203	65
100.5	32	57	11	404	129
103.1	36	58	35	482	154
103.2	36	58	35	391	125
104.1	34	58	10	438	140
105.1	33	58	35	482	154
105.2	33	58	34	288	92
105.3	32	58	1	482	154
105.4	33	58	35	401	128
105.5	33	58	35	482	154
105.6	33	58	35	250	80
106.1	34	58	22	219	70
106.2	34	58	27	460	147
106.3	34	58	27	363	116
108.1	35	58	35	482	154
110.1	35	58	26	482	154
112.1	31	56	27	482	154
112.2	31	56	35	460	147
112.3	31	56	35	344	110
115.1	33	58	26	516	165
116.1	32	58	10	482	154
116.2	32	58	22	532	170
116.3	32	58	10	404	129
116.4	32	58	20	407	130
118.1	36	58	33	423	135
118.2	36	58	27	376	120
118.3	36	58	28	313	100
122.1	36	57	35	460	147
122.2	32	58	5	482	154
123.1	33	58	30	463	148
123.2	33	57	25	463	148
124.1	34	58	1	482	154
124.2	34	58	1	482	154
124.3	35	58	24	482	154
124.4	35	58	24	482	154
127.1	36	58	36	407	130
127.2	36	58	36	370	118
129.1	33	58	36	457	146
129.2	33	58	36	438	140
129.3	33	58	36	401	128
130.1	36	58	32	454	145
130.2	36	58	32	501	160
130.3	33	57	11	482	154
130.4	33	57	11	423	135
131.1	35	58	9	482	154
131.2	35	58	9	401	128
133.1	35	58	3	432	138
133.2	36	58	34	444	142
133.3	35	58	10	463	148
134.1	31	57	1	181	58
134.2	32	57	34	282	90
134.3	32	57	35	560	179
134.4	32	57	35	501	160
135.1	34	58	12	482	154
135.2	34	58	12	313	100
135.3	34	58	1	250	80
135.4	35	58	2	482	154
135.5	35	58	2	429	137
135.6	35	58	10	376	120
137.1	33	58	30	482	154
138.1	34	58	12	501	160
138.2	34	58	13	482	154
138.3	34	58	13	626	200
143.1	32	58	20	482	154
143.2	32	56	20	463	148
143.3	32	56	20	482	154
144.1	32	56	25	235	75
145.1	34	58	32	269	86
145.2	34	58	31	316	101
145.3	34	58	31	432	138
146.1	33	57	1	463	148
146.2	34	57	36	432	138
147.1	33	58	29	376	120
148.1	36	58	34	532	170
148.2	35	58	3	482	154
148.3	35	58	3	463	148
150.1	32	56	28	457	146
150.2	32	56	29	507	162
151.1	32	58	15	482	154
151.2	32	58	15	482	154

Project Number	–Point of Diversion– TWN	RGE	SEC	Annual Diversion (af)	Project Acres
152.1	35	58	35	250	80
155.1	35	58	31	626	75
156.1	34	58	2	482	154
156.2	34	58	2	235	75
156.3	35	58	26	250	80
157.1	34	58	35	463	148
157.2	34	58	35	363	116
159.1	32	55	24	376	120
160.1	31	55	34	244	78
161.1	32	56	29	482	154
161.2	32	56	29	250	80
162.1	35	58	24	354	113
163.1	31	56	25	250	80
163.2	31	56	26	188	60
164.1	34	58	30	429	137
165.1	34	58	24	429	137
165.2	34	58	24	376	120
166.1	34	58	22	488	156
166.2	34	58	15	423	135
168.1	33	56	27	482	154
170.1	33	58	23	463	148
170.2	33	58	24	482	154
171.1	35	58	4	260	83
171.2	35	58	4	288	92
176.1	33	57	25	482	154
177.1	34	58	23	423	135
179.1	34	58	15	482	154
179.2	34	58	15	482	154
179.3	35	58	25	482	154
179.4	35	58	25	482	154
179.5	34	58	15	482	154
179.6	35	58	25	482	154
179.7	34	58	12	482	154
179.8	34	58	11	482	154
179.9	34	58	11	482	154
179.10	35	58	36	482	154
179.11	35	58	36	482	154
179.12	35	58	36	482	154
179.13	35	58	36	482	154
179.14	34	58	12	482	154
179.15	34	58	11	360	115
180.1	33	57	24	482	154
180.2	33	57	15	432	138

SOURCES:
Blaine County Conservation District 1991
Carter County Conservation District 1991
Daniels County Conservation District 1991
Liberty County Conservation District 1991
Little Beaver Conservation District 1991
McCone Conservation District 1991
Richland County Conservation District 1991
Roosevelt Conservation District 1991
Sheridan County Conservation District 1991
Valley County Conservation District 1991
Wibaux Conservation District 1991

Table 3-2. Montana Department of Fish, Wildlife and Parks Instream Flow Requests

Stream	Reach	Dates Requested	—Amount Requested— (cfs)	(af)	(af/yr)
Milk River Subbasin					
Battle Creek	International boundary to mouth	Jan., Feb., Mar., Dec.,	2.0	480	15,078
		Apr. through Nov.	5.0	2,420	
		Channel Maintenance Flows	1,970*	12,178	
Beaver Creek (Hill County)	Reservation boundary to Beaver Creek Reservoir	Year-round	7.0	5,068	5,068
Beaver Creek #1 (Phillips Co.)	Headwaters to reservation boundary	Year-round	0.2	145	145
Beaver Creek #2 (Phillips County)	Highway 191 to mouth	Jan., Feb., Mar., Dec.	7.0	1,679	15,950
		Apr. through Nov.	11.0	5,324	
		Channel Maintenance Flows	1,160*	8,947	
Clear Creek	Headwaters to Clear Creek Road	Year-round	5.0	3,620	3,620
Frenchman River	International boundary to mouth	Jan., Feb., Mar., Dec.	2.0	480	25,314
		Apr. through Nov.	5.0	2,420	
		Channel Maintenance Flows	2,050*	22,414	
Little Box Elder Creek	Headwaters to Clear Creek Road	Year-round	1.0	724	724
Peoples Creek	Headwaters to Barney Olson Road	Year-round	1.0	724	724
Rock Creek	International boundary to mouth	Jan., Feb., Mar., Dec.	2.0	480	27,600
		Apr. through Nov.	8.0	3,872	
		Channel Maintenance Flows	2,180*	23,248	
Missouri River #7	Fort Peck Dam to Milk River	April 1-May 10	7,800	618,843	5,620,361
		May 11-June 30	11,000	1,112,727	
		July 1-Sept. 30	7,800	1,423,338	
		Oct. 1-Feb. 28	7,000	2,096,528	
		March 1-March 31	6,000	368,925	
Missouri River #8	Milk River to state line	May 11-June 30	11,500	1,163,305	5,522,972
		July 1-May 10	7,000	4,359,667	
East Fork Poplar River	International boundary to Middle Fork	Jan., Feb., Mar., Dec.	3.0	719	6,870
		April	15	893	
		May	10	615	
		June through Nov.	4	1,452	
		Channel Maintenance Flows	540*	3,191	
Middle Fork Poplar River	International boundary to East Fork	Jan., Feb., Mar., Dec.	1.0	239	10,685
		April	30.0	1,785	
		May	20.0	1,230	
		June through Nov.	2.0	726	
		Channel Maintenance Flows	1,000*	6,705	
Poplar River	Junction of Middle and East Forks to reservation boundary	Jan., Feb., Mar., Dec.	8.0	1,920	21,207
		April	70.0	4,165	
		May	50.0	3,074	
		June through Nov.	11.0	3,993	
		Channel Maintenance Flows	1,210*	8,055	
West Fork Poplar River	County bridge south of Peerless to reservation boundary	Jan., Feb., Mar., Dec.	3.0	719	13,121
		April	30.0	1,785	
		May	20.0	1,230	
		June through Nov.	4.0	1,452	
		Channel Maintenance Flows	1,190*	7,935	

Stream	Reach	Dates Requested	—Amount Requested— (cfs)	(af)	(af/yr)
Lower Missouri River Subbasin					
Redwater River #1	Circle to East Redwater Creek	Jan., Feb., Mar., Dec.	2.0	480	12,792
		Apr. through Nov.	3.0	1,452	
		Channel Maintenance Flows	1,730*	10,860	
Redwater River #2	East Redwater Creek to mouth	Jan., Feb., Mar., Dec.	2.0	480	15,060
		Apr. through Nov.	4.0	1,936	
		Channel Maintenance Flows	2,010*	12,644	
Little Missouri River Subbasin					
Beaver Creek (Wibaux County)	Lamesteer Creek to state line	Jan., Feb., Mar., Dec.	1.0	239	7,984
		Apr. through Nov.	0.7	340	
		Channel Maintenance Flows	1,050*	7,405	
Boxelder Creek	One mile west of Belltower to state line	Jan., Feb., Mar., Dec.	4.0	960	20,682
		Apr. through Nov.	7.0	3,388	
		Channel Maintenance Flows	1,820*	16,334	
Little Beaver Creek	Russell Creek to state line	Year-round	3.0	2,171	17,895
		Channel Maintenance Flows	2,050*	15,724	
Little Missouri River	Montana-Wyoming border to Montana-South Dakota border	Jan., Feb., Mar., Dec.	5.0	1,199	32,562
		Apr. through Nov.	8.0	3,872	
		Channel Maintenance Flows	2,540*	27,491	

*Channel maintenance flow requests are for varying amounts over a 13- to 21-day period; only the peak daily request is included here.
af - acre-feet af/yr - acre-feet per year cfs - cubic feet per second
Source: Department of Fish, Wildlife and Parks 1991

Table 3-3. Reservations requested by municipalities

MUNICIPALITY	SOURCE	—AMOUNT— CFS	AF/Y
Chinook	(1) well	0.73	200
	(2) Milk River	[b]	600
Circle	well	0.57	78
Culbertson[a]	Missouri River	0.62	365
Ekalaka	wells	0.10	20
Fort Peck	Missouri River	0.30	100
Harlem	(1) well	0.73	200
	(2) Milk River	[b]	365
Havre	wells	2.2	475
Hill Co. Water District	Marias River	[b]	652
Malta	well	0.63	137
Plentywood	well	1.04	235
Poplar	wells	2.08	448
Scobey	well	1.04	168
Wibaux	wells	0.42	70.6
Wolf Point	wells	2.1	504

[a] Also includes water for proposed water and sewer district
[b] No peak flow rate request

Sources:
Chinook 1991
Circle 1991
Culbertson 1991
Ekalaka 1991
Fort Peck 1991
Harlem 1991
Havre 1991
Hill County Water District 1991
Malta 1991
Plentywood 1991
Poplar 1991
Scobey 1991
Wibaux 1991
Wolf Point 1991